

#14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. Allan Hamilton and Michael Watson
Assignee: ZiLOG, Inc.
Title: Improved Circuit Design and Optics Systems for Infrared Signal Transceivers
Serial No.: 09/560,224 Filing Date: April 28, 2000
Examiner: Brian A. Zimmerman Group Art Unit: 2635
Docket No.: M-12664-2C US

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APR 12 2002

COMMISSIONER FOR PATENTS
Washington, D. C. 20231

OFFICE OF PETITIONS

CERTIFICATE FOR TAKING ACTION BY
ASSIGNEE UNDER 37 CFR 3.73(b)

Sir:

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor of the above-identified patent application to the above-identified assignee as shown below:

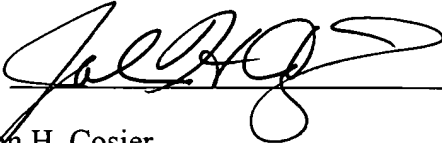
1. From: Calibre, Inc. To ZiLOG, Inc. The document was recorded in the Patent and Trademark Office at Reel 011743, Frame 0946, or for which a copy thereof is attached.
2. From: T. Allan Hamilton and Michael Watson To Calibre, Inc. The document was recorded in the Patent and Trademark Office at Reel 010765, Frame 0340.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-signed assignee.

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick,

LAW OFFICES OF
SKJERVEN MORRILL
MACPHERSON LLP
25 METRO DRIVE
SUITE 700
SAN JOSE, CA 95110
(408) 453-9200
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scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Signature:  Date: 3.18.02
Name: John H. Cosier
Title: Associate General Counsel



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 16, 2001

PTAS



101700694A

STEINS & ASSOCIATES, P.C.
KARL M. STEINS
2333 CAMINO DEL RIO SOUTH
SUITE 120
SAN DIEGO, CA 92108

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/04/2001

REEL/FRAME: 011743/0946

NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CALIBRE, INC.

DOC DATE: 07/30/2000

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OFFICE OF PETITIONS

ASSIGNEE:

ZILOG, INC.

910 EAST HAMILTON AVENUE

SUITE 110

CAMPBELL, CALIFORNIA 95008

SERIAL NUMBER: 09113036

PATENT NUMBER:

FILING DATE: 07/09/1998

ISSUE DATE:

SERIAL NUMBER: 09131824

PATENT NUMBER:

FILING DATE: 08/10/1998

ISSUE DATE:

SERIAL NUMBER: 09143150

PATENT NUMBER:

FILING DATE: 08/28/1998

ISSUE DATE:

SERIAL NUMBER: 09285608

PATENT NUMBER:

FILING DATE: 04/02/1999

ISSUE DATE:

SERIAL NUMBER: 09131825
PATENT NUMBER:

FILING DATE: 08/10/1998
ISSUE DATE:

SERIAL NUMBER: 09212203
PATENT NUMBER:

FILING DATE: 12/15/1998
ISSUE DATE:

SERIAL NUMBER: 09128219
PATENT NUMBER:

FILING DATE: 08/03/1998
ISSUE DATE:

SERIAL NUMBER: 09143154
PATENT NUMBER: 6070956

FILING DATE: 08/28/1998
ISSUE DATE: 06/06/2000

SERIAL NUMBER: 09175923
PATENT NUMBER:

FILING DATE: 10/20/1998
ISSUE DATE:

SERIAL NUMBER: 09207694
PATENT NUMBER:

FILING DATE: 12/08/1998
ISSUE DATE:

SERIAL NUMBER: 09654858
PATENT NUMBER:

FILING DATE: 09/05/2000
ISSUE DATE:

SERIAL NUMBER: 09567667
PATENT NUMBER:

FILING DATE: 05/09/2000
ISSUE DATE:

SERIAL NUMBER: 09560224
PATENT NUMBER:

FILING DATE: 04/28/2000
ISSUE DATE:

SERIAL NUMBER: 09567665
PATENT NUMBER:

FILING DATE: 05/09/2000
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US9917639

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US9919368

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US9918057

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0004296

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US9918703

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0004295

FILING DATE:
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1619
Expires 06/30/99
OMB 0651-0027



05-03-2001

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101700694

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1)

Execution Date
Month Day Year

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Execution Date
Month Day Year

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number **(619) 692-2004**

Name **Karl M. Steins, Reg. No. 40,186**

Address (line 1) **Steins & Associates, P.C.**

Address (line 2) **2333 Camino del Rio South**

Address (line 3) **Suite 120**

Address (line 4) **San Diego, CA 92108**

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

8

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09113036

09285608

09128219

09131824

09131825

09143154

09143150

09212203

09175923

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

PCT **US9917639**

PCT **US9918057**

PCT **US9918703**

only if a U.S. Application Number has not been assigned.

PCT **US9919368**

PCT **US0004296**

PCT **US0004295**

Number of Properties

Enter the total number of properties involved.

20

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **800.00**

Method of Payment:

Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Karl M. Steins, Reg. No. 40,186

Name of Person Signing

Signature

Date

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Patent and Trademark Office
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Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09207694 09567667 09567665

09654858 09560224

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APR 12 2007

OFFICE OF PETITIONS

PATENT ASSIGNMENT

THIS ASSIGNMENT is made and entered into effective as of the 27th day of July, 2000 (the "Effective Date") by and between Calibre, Inc., a California corporation (hereinafter referred to as "Assignor"), having its principal place of business at 1762 Technology Drive, Suite 226, San Jose, California 95110-1308, and ZiLOG, Inc., a Delaware corporation (hereinafter referred to as "Assignee"), having its principal place of business at 910 E. Hamilton Ave., Suite 110, Campbell, CA 95008, and is made with reference to the following facts and objectives:

RECITALS

A. Assignor is the owner of the entire and exclusive right, title and interest in, to and under certain patents and/or patent applications and the respective inventions described and claimed therein, as set forth in Exhibit "A" attached hereto;

B. Assignee desires to acquire the entire and exclusive right, title and interest in, to and under such patent rights.

NOW, THEREFORE, the parties hereto hereby agree as follows:

1. **Definitions:** For purposes of this Assignment, the following terms shall have the following meanings:

- a. **U.S. Patents and Applications:** The term "U.S. Patents and Applications" means the United States patents and patent applications identified in the attached Exhibit "A," and every reissue, reexamination, extension, divisional, continuation and continuation-in-part thereof.
- b. **Foreign Counterpart Patent Application:** The term "Foreign Counterpart Patent Application" means any application for a patent in a jurisdiction other than the United States, that claims priority under 35 U.S.C. Section 119, to any of the U.S. Patents and Applications.
- c. **Foreign Counterpart Patent:** The term "Foreign Counterpart Patent" means any patent issued or issuing in a jurisdiction other than the United States from a Foreign Counterpart Patent Application.

2. **Patent Assignment:**

- a. **Assignment of Patent Rights:** For good and valuable consideration delivered by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor hereby assigns and transfers to Assignee, its successors and assigns, the entire and exclusive right, title and interest in all U.S.

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Patents and Applications; all Foreign Counterpart Patents and all Foreign Counterpart Patent Applications (hereinafter collectively referred to as the "Patent Rights").

- b. Representations, Warranties and Covenants of Assignor: Assignor hereby represents and warrants that (i) the patents and patent applications identified in the attached Exhibit "A" are the only patent rights that Assignor owns or controls; (ii) Assignor is the lawful owner of and has good and marketable title to the Patent Rights free and clear of all liens and encumbrances; (iii) Assignor has full legal right, power and authority to sell, assign and transfer the Patent Rights; (iv) to the best of Assignor's knowledge, there are no outstanding licenses or unrecorded rights in third parties to use the Patent Rights, and no assignment has been made of the rights assigned hereunder; (v) that all applicable maintenance fees pertaining to the Patent Rights due on or before the Effective Date have been paid; (vi) Assignor has full power and authority to execute, deliver and perform this Assignment in accordance with its terms; and (vii) this Assignment is a valid and binding obligation of the Assignor, enforceable in accordance with its terms. Assignor hereby agrees not to execute any agreement in conflict with this Assignment and that, at the request of Assignee, Assignor will execute and deliver all papers and take such other action as may be necessary or desirable to protect and perfect title to the Patent Rights in Assignee, its successors and assigns.
- c. Issuance of Patent: Assignor, as inventor of the inventions in the Patent Rights that are hereunder assigned to the Assignee, hereby authorizes and requests the Commissioner of Patents, or other proper governmental authority, to issue to Assignee, its successors and assigns, all patents and other patent rights included within the Patent Rights.
- d. Prosecution and Maintenance of Patent Rights: Assignor hereby agrees that Assignor will communicate to Assignee any facts known to Assignor respecting the Patent Rights, whenever requested, and will testify in any legal proceeding, sign all lawful papers, make all rightful oaths, and generally do everything reasonably necessary to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection under the Patent Rights in all countries.

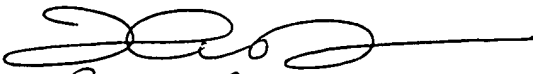
3. Miscellaneous:

- a. Attorneys' Fees: In the event that any litigation, arbitration, or other proceeding is commenced between the parties hereto or their personal representatives, successors or assigns concerning the enforcement or interpretation of any provision of this Assignment or the rights and duties of any party in relation thereto, the party or parties prevailing in such litigation, arbitration or other proceeding shall be entitled, in addition to such other relief as may be granted, to all attorneys' fees and costs incurred in such litigation, arbitration or other proceeding, and in any appeal or enforcement of any judgment rendered therein.

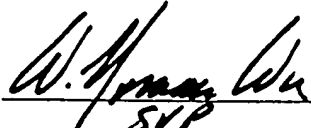
- b. Successors and Assigns: This Assignment shall be binding on and inure to the benefit of the parties and their respective successors and assigns.
- c. Venue: Venue for suit on this Assignment shall be Santa Clara County, California, and all parties hereto agree and consent to venue being proper in such county.
- d. Exhibits: All Exhibits referred to are attached hereto and incorporated herein by this reference.
- e. Governing Law: This Assignment shall be construed and interpreted in accordance with the laws of the State of California.
- f. Integrated Agreement; Modification: This instrument, together with the Agreement, contains the entire agreement of the parties and cannot be amended or modified except by a written agreement, executed by each of the parties hereto.
- g. Severability: The unenforceability, invalidity, illegality of any provision shall not render the other provisions unenforceable, invalid, or illegal.
- h. Waiver: No consent or waiver, express or implied by either party to this Assignment of any breach or default by the other in the performance of any obligation hereunder shall be deemed or construed to be a consent to or waiver of any other breach or default by such party hereunder. Failure on the part any party hereto to complain of any act or failure to act of the other party or to declare the other party in default hereunder, irrespective of how long such failure continues, shall not constitute a waiver of the rights of such part hereunder.
- i. Execution of Documents: The parties hereto hereby agree to execute and deliver such further instruments, agreement contracts and documents, as may be reasonably required to effectuate the stated and intended purposes of this Assignment.
- j. Counterparts: This Assignment may be executed simultaneously in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
- k. Neutral Construction: The parties hereto agree that this Assignment will be interpreted neutrally, and that it should not be construed for or against any party deemed to be the drafter thereof.

IN WITNESS WHEREOF, the undersigned have executed this Patent Assignment as of the date and year first above written.

Calibre, Inc., a California corporaiton

By: 
Title: President

ZiLOG, Inc., a Delaware corporation

By: 
Title: SVP

STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

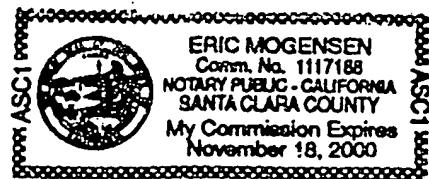
On this 27th day of July, ²⁰⁰⁰19, before me, ERIC MOGENSEN, a Notary Public, State of CALIFORNIA, duly commissioned and sworn, personally appeared T. DUNN HARRIS, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature



(Seal)

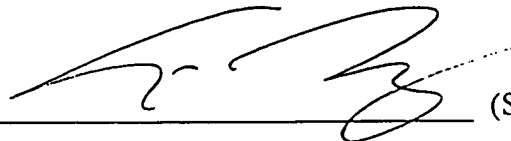


STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

On this 27th day of July, ²⁰⁰⁰19, before me, ERIC MOGENSEN, a Notary Public, State of CALIFORNIA, duly commissioned and sworn, personally appeared W. NORMAN W., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature



(Seal)

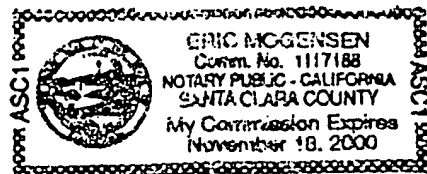


EXHIBIT "A"

LISTING OF PATENT RIGHTS

Docket #**Serial Number**

CLB 1 - B69	09/113,036
CLB 1 - B69A	09/285,608
CLB 2 - B70	09/128,219
CLB 2P - B70	PCT/US99/17639
CLB 3 - B71	09/131,824
CLB 3P - B71	PCT/US99/18057
CLB 4 - B72	09/131,825
CLB 5 - B73	09/135,154 304
CLB 5P - B73	PCT/US99/18703
CLB 6P - B74	PCT/US99/19368
CLB 6 - B74	09/143,150 206
CLB 7 - B93	09/212,203
CLB 8 - B94	09/175,923
CLB 9 - B95	09/207,694
CLB 23 - D33	09/567,667
CLB 24 - D34	09/567,665
CLB 7P - D49	PCT/US00/04296
CLB 8P - D50	PCT/US00/04295
CLB 9P - D51	PCT/US00/04294
CLB 1P - D65	PCT/US00/08,858
CLB 25 - D71	09/654,858
CLB 1B - D76	09/560,224
CLB 4P - D83	PCT/US99/18056

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

13

Applicant(s): T. Allan Hamilton and Michael Watson
Assignee: ZiLOG, Inc.
Title: Improved Circuit Design and Optics System for Infrared Signal Transceivers
Serial No.: 09/560,224 Filing Date: April 28, 2000
Examiner: Brian A. Zimmerman Group Art Unit: 2635
Docket No.: M-12664-2C US

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SUBSTITUTE POWER OF ATTORNEY BY ASSIGNEE

Sir:

The above-identified assignee, a Delaware corporation, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified by the following Customer Number to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Customer Number 27869



27869

PATENT TRADEMARK OFFICE

Please direct all telephone calls to:

Gerald P. Parsons
Telephone No.: 415/217-6000
Fax No.: 415/434-0646

APR 12 2002

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The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

LAW OFFICES OF
SKJERVEN MORRILL
MacPHERSON LLP

25 METRO DRIVE
SUITE 700
SAN JOSE, CA 95110
(408) 453-9200
FAX (408) 453-7979

Date

3.18.02

Name: John H. Cosier
Title: Associate General Counsel